

School of Management renamed

By Bill Judnick

The School of Industrial Management has been formally renamed the Alfred P. Sloan School of Management, whose facilities will include the present Building 52 and the Grover M. Hermann Building for social sciences and management research now under construction.

Names of both the building and the school were announced Thursday at a luncheon meeting of the MIT Corporation. Messrs. Sloan and Hermann were guests of honor at the banquet held at the Faculty Club.

Gifts revealed

Mr. Hermann, Chairman of the Board of Directors of the Martin Marietta Corporation, has donated \$1.5 million toward the construc-

tion of the new building to be named in his honor.

Other support for the new building includes: a \$1 million gift from Alfred P. Sloan Jr., Honorary Chairman of the Board of General Motors Corporation; a \$1 million research facilities grant from the National Science Foundation; and anonymous contributions totaling \$.5 million from friends and associates of Mr. Hermann.

'Never finished'

Welcoming Mr. Hermann as a "full-fledged partner" in aiding the expansion plans of the school, Sloan said in his speech accepting the honor: —

"When I received the invitation on the part of Dr. Killian and his associates to accept their suggestion to rename the School

of Industrial Management as the 'Alfred P. Sloan School of Management' I was quite overwhelmed. I am still overwhelmed. . . . '(With) the funds necessary to provide the additional school facilities that are now under way . . . the school has taken an important step forward."

He concluded: "Be that as it may, I hope we all recognize that the Alfred P. Sloan School of Management is not finished. It never will be finished. It is only on its way. Nothing is finished in a world that is moving so rapidly forward—perhaps to its own destruction."

'Permanent recognition'

Citing Mr. Sloan's role in the development of the school and his munificent contributions to quicken its growth, President Julius A. Stratton remarked: —

"The naming of a major school of management for Mr. Sloan is particularly fitting. The Sloan School of Management is a vital part of MIT, adding greatly to the strength of the whole institution. Its faculty and graduates have achieved international distinction by their contribution to management theory and practice."

Professor Howard W. Johnson,

(Please turn to Page 3)

School of Architecture enrollment down slightly from previous year

The number of students enrolled in the School of Architecture "shrank somewhat" in the school year 1962-3, according to the President's Report Issue 1963. It is explained in the report by a "nadir in birth rates occurring about 1938-39, and the unusual number of applicants who were offered admission but who did not enroll."

This is in contrast to the Graduate Schools of Architecture at Yale, Columbia, and the University of Pennsylvania, where such enrollments have "sharply increased."

Undergraduate enrollment in architecture increased, due to a larger-than-usual recruiting of the previous year's freshmen, and to a "retention of students having difficulty in completing a satisfactory thesis."

Pietro Belluschi, Dean of the School of Architecture and City Planning, said that "the faculty of the School are confident we

can continue to grow in quality and diversity of staff as well as in quality and number of students and to retain pre-eminence among the architecture and planning schools of this country, provided we are alert to the new demands made of our profession in many fields."

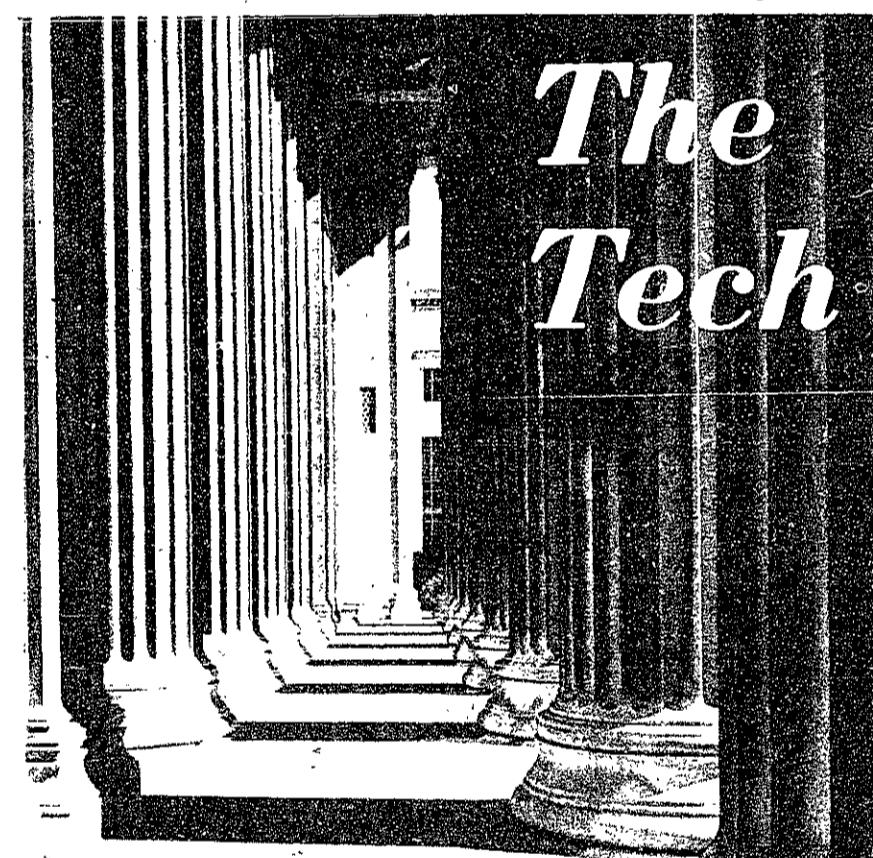
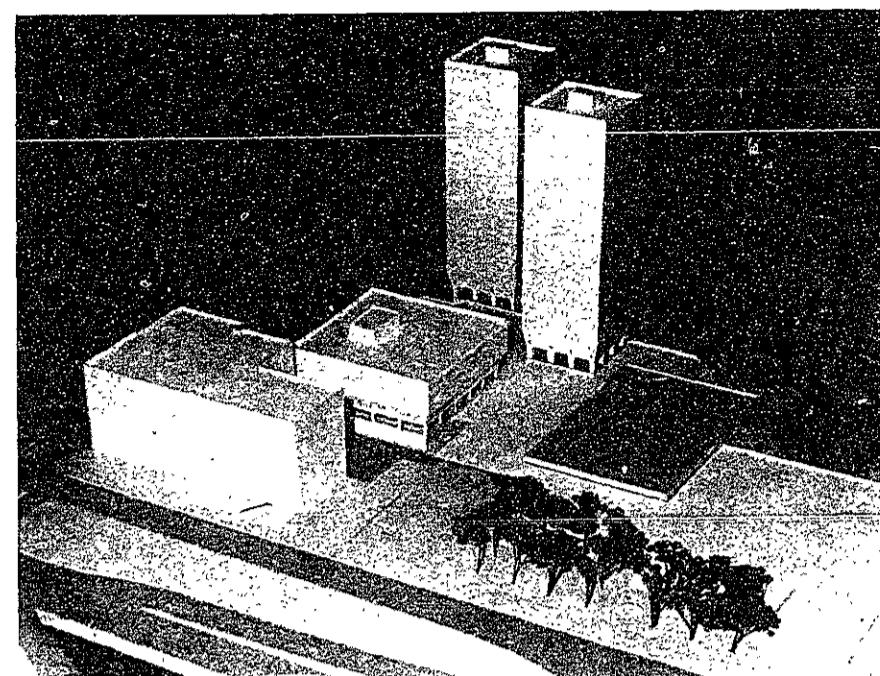


Photo by Stephen Teicher

Two new dorms to be built for XV graduate students



Newest architectural model of the Alfred P. Sloan School complex, exhibited at Corporation meeting Friday, includes two new towers planned to house married graduate students of the school.

Dean Harrison reports:

Teaching must be emphasized

By Steve Portnoy

The problem of the growing disparity between teaching and research is emphasized by Dean Harrison in the President's Report. He reports that while research activity has increased 100-fold in the past 25 years, "formal teaching activities in terms of student involvement have about doubled. The trend of these ratios might be expected, if continued, to lead to considerable unbalance."

Dean Harrison states that since the beginnings of the School of Science in 1932 it has been a policy that a faculty member should divide his time evenly between research and teaching. According to the dean, this means that a professor "could be called upon for the equivalent of approximately six hours of lecture and recitation work per week per term." However, he continues, this policy has become increasingly more difficult to adhere to.

The source of this problem is two-fold, as Dean Harrison explains it. First, the very excellence of research "tends to produce expansion of other activities at the expense of the more formal aspects of academic instruction." Second, large grants for new activities tend to sap additional funds from teaching for their support.

Solution obvious

According to the dean, the solution of the problem is simply that more attention must be given to teaching activities. He notes that some progress is already being made. He points to the activities of the Science Teaching Center, now directed by Prof. Zacharias, the faculty

Committee on Curricula and the Committee on Educational Policy.

Dean Harrison, in the report, also describes the exceptional growth of the Schools of Science since its conception. Twenty-five years ago only 11.9 per cent of the entering class chose majors in the School of Science. However, reports the dean, "in 1962-63, 57.7 per cent of the initially admitted freshmen indicated one of the scientific disciplines as a first choice."

Growth in math

Growth has been most extraordinary in mathematics. Enrollment in math subjects has grown from 1,453 in 1938 to 3,930 last year. In addition, this course is now third in number of undergraduate majors, after physics and electrical engineering.

This growth has brought additional problems, Dean Harrison reports. There is an acute lack of space in many areas. The problem in the Physics Department is emphasized by the dean. The Compton Building is "now completely filled by the activities

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Samuelson comments on Federal Reserve Board: 'Two cheers, not three'

By Al Green

"I gave the Federal Reserve Board two cheers, but not three," said economist Paul Samuelson.

Speaking recently before the House Domestic Finance Committee, the MIT professor declared that the Fed was adequate, "but not even with our lucky combination of personalities and events, has our economy been spared some cost attributable to lack of unified monetary policy."

Four proposals

Professor Samuelson stated his belief that although the central bank should not be swayed by changing values, views, or fads, it must be responsive to the extent that it is ready to give up former doctrines and dogma.

The recommendations made by Dr. Samuelson were fourfold: (1) the 14-year terms of the Board members are too long and should be reduced to six staggered; (2) the Chairman of the Board of Governors should be appointed by each new President; (3) the present Open-Market Committee arrangement should be reappraised; (4) in a conflict between the executive and the Fed, the Central Bank must yield.

Earlier, Professor Samuelson had been asked by the London Financial Times to write an analysis on the American economic future. In an article on "The American Economy after the Death of President Kennedy," he reiterated his opinion that our economy will remain strong through 1964.

GNP rise

He reassured the British that there will be no American recession.

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In President's Report

Kispert lists achievements

By David Vanderwerf

"At a time when the costs to the student continue to rise," says Vice President of Academic Administration Malcolm G. Kispert in the 1963 President's Report, "the Institute's student aid program becomes an activity of even more critical importance."

The report, available to students at the Publications Office, Room 3-333, consolidates the annual reports of the academic deans and the non-academic departments.

Student aid and undergraduate housing, Kispert says, are the primary fields to which much time and effort will be devoted this year.

Listed as major accomplishments of last year in his department are the Married Students' Housing, McCormick Hall, the beginning of Student Center construction, the purchase of Sancta Maria Hospital, and the addition of \$6 million for student aid as a result of the Second Century Fund.

Kenneth R. Wadleigh, Dean of Student Affairs, also mentions the Student Center in his report. Commenting on the activities to be contained in the Center, he says: "We do not plan a highly-directed

program for the Student Center . . . the contributions to campus life made possible by this building will depend in large part on student imagination and initiative."

Wadleigh also mentions the problem of demand for the use of Kresge, noting that space allotments for some groups have suffered drastic curtailment.

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Charles Miller to describe educational uses of computers during APO Technology Forum

Professor Charles L. Miller, Head of the Department of Civil Engineering, will speak on "Computers and Engineering" this coming Monday. His lecture, which is a part of the Alpha Phi Omega Technology Forum, will take place in the Little Theatre of Kresge at 4:00 p.m.

Prof. Miller will describe the recent advances in engineering and in engineering education which have been made possible by the employment of time-sharing and classroom computers.

The use of computers in his department has been stimulated by the Ford Postdoctoral Fellowship Program. In his annual report, Prof. Miller commented: —

"No other single result of the Ford grant has proven to be so valuable . . . to the total program. . . . (The participants are) providing an important stimulus for faculty and student alike. Thus they are proving to be a very key element in our educational innovations."

Ralph McGill, Publisher of the Atlanta Constitution, will lecture in Kresge Auditorium at 8:15 p.m., Tuesday, March 17. He will speak on "Another Kind of Fall-out."

McGill, a reporter and editor for thirty-five years, is primarily interested in national politics and international relations. His travels as a reporter have taken him to Nazi Germany, and, in post-war times, to the continents Europe, Asia, and recently Africa.

McGill has been awarded a Pulitzer Prize for outstanding Editorial Writing, the Lauterbach Award for Distinguished Service in the Field of Civil Liberties, the Medallion of Valor from the government of Israel, and the Atlantic's Non-Fiction Award for his recent book, "The South and the Southerner."

McGill is director of many organizations, including two United States Governmental Advisory committees.

Some of McGill's recent lectures include the Hogate Lecture, DePauw University; the Blazer Lecture, University of Kentucky; the Pulitzer Memorial Address, Columbia University; and the Cooper Union Address on Lincoln's Anniversary.

Non-academic deans report progress

(Continued from Page 1)

Office Activity

Wadleigh gives statistics on office activity during the past year. Of 6,551 visits to the professional staff from November to June, he comments, 72 per cent were student visits, made by 1,631 individual students. The majority, says Wadleigh, were visits initiated by students, only 16 per cent were at the request of the Dean's Office.

Dean of Residence Frederick G. Fassett, Jr. notes that undergraduate male residence at Bexley Hall had been begun as a temporary solution to housing problems. This move is "a palliative, rather than a true solution," he says, because "the general physical arrangement, size, and age" of the building are such that its use should be discontinued as soon as possible.

Ross H. Smith, Director of Athletics, comments that there are three major problems facing his department. He lists them:

1. "It is imperative that no further encroachment be made on Briggs Field." The present athletic program requires all the area currently within Briggs Field, and the demand is growing.

2. "Desirable athletic facilities must be provided for the increasing number of coeds."

3. "A problem of broad implications is the mounting encroachment of the class schedule upon the too few hours our students are able to devote to activities outside the classroom." A review of this problem, he says, has been submitted to the Dean of Student Affairs.

Sixteen-Foot Rope

Associate Dean William Speer relates improvements in counseling. Referring to the "sink-or-swim" policy, he says: "We sometimes assume that the Institute does not approve of holding students' hands . . . the students themselves rightly object to handholding. The Institute does believe in self-reliance," but "does not believe in waiting for the bubbles to stop before seeing if a student is drowning. The student in difficulty fifteen feet from shore ought to be tossed a sixteen-foot rope, not a fourteen-foot one . . . it is not the Institute's policy to stun him by aiming a life ring at his head, or to drown him in the waves of a rescue launch."

One hindrance to counseling, he

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says, is that some faculty members feel that MIT "would be a far better institution to work in if it had no students at all . . ." This feeling, though it exists, is rare, he states.

Financial Aid

Retiring Director of Student Aid T. P. Pitre notes that about 50 per cent of the undergraduate body received financial assistance last year, with a total of almost \$2.2 million disbursed. Student earnings, he said, were almost \$1 million in addition to the other aid.

The number of students applying to MIT will probably increase, says Roland B. Greeley, Director of Admissions, reversing a trend of the past several years. Transfer students, he says, remained approximately constant in number, and this will probably continue to be the case. Coed applicants

Joseph J. Snyder, Vice President and Treasurer, itemizes increases in endowments and other funds during the year. These totaled over \$15 million. At the close of the year, he said, invested funds and plant of the Institute totaled \$207 million, as compared with \$183 million at the end of the previous fiscal year.

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Spring Weekend ticket sales and distribution to be discussed by living group social chairmen

Ticket sales for Spring Weekend will begin March 23.

Last week, 1000 free invitations for the April 17-20 social weekend were distributed.

There will be a Living Group Social chairman's meeting for

Spring Weekend this Friday at 5:00 in 5-120 to discuss ticket policy and to ascertain the number of tickets desired by living groups.

Entries for the Queen contest may be turned in at this meeting.

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Aeronautics Library announces hour changes

Student Directory omits listing of girls' schools

An extension of hours for the Aeronautics Library was announced this week.

The library will now be open from 9 am to 10 pm on Mondays, Wednesdays and Thursdays, from 9 am to 6 pm on Tuesdays and Fridays, and from 9 am to 1 pm on Saturdays. The library will remain closed on Sundays.

Copies of the Student Directory for the current spring term are available today in the Information office.

The insertion sheet showing girls' schools telephone numbers will not be found in this edition of the directory, since it is expected that the largest part of this edition will be employed by the faculty and administration.

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Management School renamed for Sloan; Hermann Bldg. expands research area

(Continued from Page 1)

Dean of the School, also paid tribute to the "far-reaching contributions" Mr. Sloan has made to management, deserving of "permanent recognition."

Dean Johnson noted that Mr. Sloan's career has been closely coupled with the emergence and organizational evolution of the large industrial corporation as a major force in modern economic life.

(Ed.'s note: A summary of Mr. Sloan's recent autobiography, "My Years With General Motors," will appear in our next issue.)

Hermann Building

The Hermann Building will make expanded research facilities for the Department of Economics and Social Science, the Center for International Studies, as well as the Sloan School of Management, according to Dr. James R. Killian Jr., Chairman of the Corporation.



Photo by Stephen Teicher

Admiring the architectural model of the Sloan School of Management complex are (left to right): President Julius A. Stratton, Alfred P. Sloan Jr., Grover M. Hermann, Chairman James R. Killian Jr., and Dean Howard W. Johnson.

In the words of Dr. Killian, it will enable the Institute "to strengthen particularly the growing inter-relationship between research in the physical sciences and research in the social sciences and management."

Completion of the Hermann Building is expected in the fall of 1965. It will contain approximately 90,000 square feet of

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Campus Interviews March 23



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Sloan School of Management

The renaming of the School of Industrial Management to the Alfred P. Sloan School of Management is a fitting tribute to one of MIT's most distinguished sons. Sloan has shown his deep interest in the school's success through generous financial support from the time of its founding in 1952.

Management at MIT

With the aid of Sloan and other philanthropists, the Sloan School has evolved into a center for management training of a kind unique in the nation.

The school is relatively young, even though Course XV dates back to 1914. However, it has already achieved a prestigious reputation for training managers who, like Sloan, combine analytical skills with a capacity of leadership. The school's prestige has greatly benefited from its location in MIT's scientific community and from the able guidance of Dean Howard W. Johnson.

As President Stratton noted before the MIT Corporation last Friday, no profession can remain vigorous without training to replenish its ranks. Industrial management is one of the most recent of professions, and strong professional training is a necessity to maintain its vigor.

The training of industrial managers must, in this age, rest on a strong base of scientific and analytical skills. The technological world of MIT is a natural place for the training of the scientific managers of the future.

Remarkable growth

Under Dean Johnson's dynamic leadership, the School has undergone a remarkable growth in recent years. All of the Doctor's candidates have received

their degrees in the last few years, and two thirds of the Master's degrees have been awarded in the past ten years.

The expanded Master's and Doctor's programs have recently been in acute need of additional space. The new Grover M. Hermann Building will satisfy part of this need and thus comes as a welcomed addition to the campus.

As more men enter industry from the Master's and Doctor's programs, business has become more aware of the value of the programs. Dean Johnson notes that the demand for graduate students coming from the programs is considerably higher than for men from conventional business schools. There is probably no better measure of the School's reputation among business leaders.

Future needs

The construction of the Hermann Building and the planned married students housing will satisfy the physical needs of the School for five to eight years. The Hermann Building is well on its way, and the first unit of the housing—which will not be restricted to Course XV students—will be started within a year.

The School still remains in need of three main items, however. These areas of need should be given high priority if the School is to maintain its rapid growth in excellence and prestige.

1. **Students assistantships.** Graduate students in science and engineering can obtain financial aid through assistantships much easier than students in industrial management. Yet the demand of entering graduate students in the Sloan School for assistantships is high. To ensure that no top-quality students are turned away for lack of financial assistance, funds for more assistantships must be sought.

2. **Endowed professorships.** The school has recently built greater faculty strength in the functional areas of management and in the new areas of management science. Still more professors are needed in some of these areas.

There are presently only two endowed chairs in the School. As Dean Johnson points out, three to five more would be highly desirable.

3. **International programs.** The School has been a pioneer in the development of international programs in management. It now carries on programs of management training in Africa, India, and Latin America.

These programs are of inestimable value in fostering managerial competence in newly emerging nations. They should receive wider support in the future. More funds are needed to back them from foundations and other sources.

Let us continue

As Sloan pointed out at last Friday's Corporation meeting, the Sloan School of Management is far from finished. Much more support is needed, as we have seen.

It's already auspicious success precludes our saying, in reference to the School's development, let us begin. However, we can say, after looking at the successes of the past, let us continue.

Letters

The Tech welcomes letters to the Editor. Letters of interest or benefit to the MIT community will be printed, space considerations permitting.

Letters should be limited to 300 words, as brevity increases the chance of publication. They should be typewritten and double spaced. To be printed in a given week's issue, letters must be received by at least the preceding Sunday. All letters must be signed, but we shall withhold names upon the request of the writers.

Letters may be addressed as follows: Letters to the Editor, The Tech, 211 Walker Memorial, 142 Memorial Drive, Cambridge, Massachusetts 02139. Telephones area code 617, 876-5855; 876-5856; 864-6900, Extension 2731.

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Inside Inscomm

New UAP urges students to tackle work on Inscomm

By Bill Samuels, UAP

Tonight at 7:30 in the Blue Room the Old Institute Committee steps down. On behalf of the new members I would like to commend Jerry Lubbers and his group for a fine job.

It is now our turn. Our first job is to recruit good men. For this reason, I bring these opportunities to your attention:

Student Union faces enormous and exciting challenges next year. Needed are more imaginative and hard working present freshmen, sophomores and juniors! Want to tackle this tough problem? Call me — no experience required.

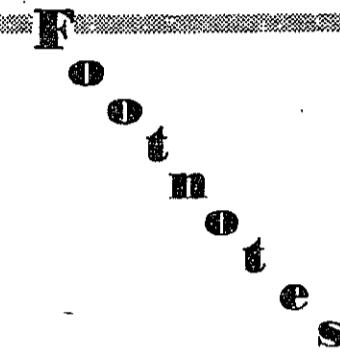
The new Finance Board chairman will be elected tonight. Want to work on the group that has

a \$60,000 budget and works with all the activities? If you are a present sophomore or junior, call me!

March 19th we will elect the Judicial Committee chairman and secretary and the chairmen of SCEP, Freshman Coordinating Committee, Public Relations Committee and International Students Council. So far, no one has expressed interest in Judcomm secretary, FCC chairman or ISC chairman. Once these chairmen are elected, we will announce how you may get on these committees.

Our second job, once we get good men, is to start work on the

(Please turn to page 5)



By Bill Judnick

Last week's "leak of the week," footnote 12, turned out to be this week's headline story.

Expect an announcement on financial aid changes, discussed in footnote 10, on or about April 15.

UAP vote

Congratulations are in order for Bill Samuels, our new UAP. Many people were taken a bit off guard predicting the election results: not who would win, for everyone conceded Samuels, but by how much (59 percent on first ballots).

The most believable explanation for the wide margin that I've heard involves a bit of fraternity politics. It seems that Art Bushkin, of AEPi, withheld announcement of his candidacy until the IFC elections were over—thus giving his fraternity brother Don Shulman the WINNING shot at the presidency of the organization without the semblance of a power grab.

The theory continues: Most fraternity men found it a bit hard to believe that Bushkin could have his posters up that very night if he were not a candidate for UAP at the time of the IFC elections. They voted accordingly last Tuesday.

The Crystal Ball

17. Former Dean of Students John T. Rule will be writing some liberal views about SEX on campus for the April issue of the Atlantic Monthly.

18. Spring Weekend is going to have its financial troubles this year. I formally predict a DEFICIT. Why?

First of all, they're going to compete with A-Ball; and that's hard to do unless they come up with better entertainment. (Those running the weekend could have found out a year ago about the scheduled date for A-Ball this year.)

The second reason, contractual difficulties with at least one top-notch entertainer they tried to get, will be hashed over in this column once it's all over.

19. Tech Show will be in the BLACK this year, judging by their attendance. It would be quite a reversal over the records of the last few years, especially because of policy changes on reservations which inconvenienced many and satisfied only those few running the show. I'll still take the long-shot.

Nomad's life

Those of you who had expected the Alumni Association to move into Walker Memorial once the student activities' office had moved to the Student Center will be interested to know that the association will be located in the Daggett Building on Ames Street.

The Registrar's Office will also be moving into that somewhat mysterious building, to leave its vacated space to the School of Architecture and City Planning.



Peanuts appears daily and Sunday in the Boston Herald.

Inside Inscomm

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problems that exist. I am going to attempt a new method. The UAP, with approval of Institute Committee, may appoint temporary committees. Tonight we hope to appoint three such groups.

One will be to investigate the contract problems we have been having with our social weekends; one will work on bringing political debates to campus next year; the third will check the feasibility

of the counselor's conference. These groups will report back to Inscomm. Some may run into roadblocks, but at least we will have tried.

These three groups are only a start. There will be more. The point is this: If you have an idea or project that you would like to work on, bring it to me. If approved, I will appoint you as chairman of a temporary subcommittee of Inscomm and we will get it done together.

On Campus with Max Shulman

(Author of "Rally Round the Flag, Boys!" and "Barefoot Boy With Cheek".)

THE SLOW RUSH

Illustrated below is the membership pin of a brand-new national fraternity called Sigma Phi Nothing. To join Sigma Phi Nothing and get this hideous membership pin absolutely free, simply take a pair of scissors, cut out the illustration, and paste it on your chest.

Let me hasten to state that I do not recommend your joining Sigma Phi Nothing. The only thing I recommend in this column is Marlboro Cigarettes, as any honest man would who likes good tobacco and a good filter, whose heart is quickened by a choice of soft pack or Flip-Top Box, and who gets paid every week for writing this column.

I am frankly hard put to think of any reason why you should join Sigma Phi Nothing. Some people, of course, are joiners by nature; if you are one such, I am bound to tell you there are any number of better organizations for you to join—the Cosa Nostra, for example, or the Society for the Placing of Water Troughs in Front of Equestrian Statues.



Cut it out and Paste it on your chest!

But if you insist on joining Sigma Phi Nothing, let me give you several warnings. First off, it is the only fraternity which admits girls. Second, there is no pledge period; each new member immediately goes active. Perhaps "inactive" is a more accurate word: there are no meetings, no drives, no campaigns, no sports, no games, no dues, no grip, and no house.

The only thing Sigma Phi Nothing has in common with other fraternities is a fraternity hymn. In fact, two hymns were submitted to a recent meeting of the national board of directors (none of whom attended). The first hymn goes:

*Sigma Phi Nothing,
Shining star,
How we wonder
If you are.*

The second hymn, rather more poetic in content, is to be sung to the tune of *Also Sprach Zarathustra*:

*A Guernsey's a cow,
A road is a lane,
When you're eating chow,
Remember the mein.*

Pending the next meeting of the national board of directors (which will never be held) members are authorized to sing either hymn. Or, for that matter, *Frenesi*.

Perhaps you are wondering why there should be such a fraternity as Sigma Phi Nothing. I can give you an answer—an answer with which you cannot possibly disagree: *Sigma Phi Nothing fills a well-needed gap*.

Are you suffering from mental health? Is logic distorting your thinking? Is ambition encroaching on your native sloth? Is your long-cherished misinformation retreating before a sea of facts? In short, has education caught up with you?

If so, congratulations. But spring is upon us and the sap is rising, and the mind looks back with poignant longing to the days when it was a puddle of unreason.

If—just for a moment—you want to recapture those careless vaporings, that warm, squishy confusion, then join Sigma Phi Nothing and renew your acquaintance with fecklessness. We promise nothing, and, by George, we deliver it!

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3 open houses to be given

Biology

The Department of Biology will hold an open house meeting for interested freshmen on Tuesday, March 17, from 5:00 to 6:00 pm in the Loofbourou Lounge, Room 16-711.

In the past decade, biology has evolved from the conventional fields of classical botany and zoology into a new field of scientific endeavor. Biology today utilizes chemistry and physics; the research laboratory of today's biologist comprises electronic and optical systems of all kinds, electron microscopes, and mass spectographs, as well as many of the methods of electrical and nuclear instrumentation.

This new approach to the life sciences is especially at home in the MIT environment, where there are important activities and facilities in all the physical sciences.

The Department of Biology offers the course in Life Sciences, Course 7, leading to a bachelor's degree in four years. The curriculum is designed to prepare students for teaching and research careers in biology, for graduate study, and for work in industries which are concerned with biological materials and fermentation processes.

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Civil Engineering

The Department of Civil Engineering has scheduled individual interviews and discussion with department head Charles L. Miller for freshmen interested in Course 1. The open house will be held in Room 1-153 from 3:00 to 6:00 pm, Monday, March 16, through Wednesday, March 18, and again Monday, April 13, through Wednesday, April 15. Laboratory tours will also be arranged.

Here at MIT, a new philosophy of civil engineering has been instituted. The department has built its program on the five major disciplines of civil engineering systems—structures, soils, materials, hydraulics, and civil engineering systems—replacing the old emphasis on distinct fields, such as construction and sanitary engineering. The MIT civil engineering graduate receives a grounding in all of these areas before specializing in any one of them.

Laboratory facilities employed in undergraduate education include the Laboratory for Structural Models, operated in conjunction with the Department of Architecture; the Hydro-dynamics Laboratory, where studies are made of water supplies, hydroelectric power plants, and other hydraulic engineering problems; and the Civil Engineering Systems Laboratory, where studies of transportation are undertaken.

The department also has its own IBM 1620 computer, and works in conjunction with other departments in interdisciplinary projects.

Mathematics

The Department of Mathematics will give its open house for freshmen in the Mathematic Common Room, 2-290, on Tuesday, March 17, from 4:30 to 5:30 p.m.

Course 18 offers the most flexible science courses at the Institute. Besides the general Institute requirements, only three subjects in mathematics are specified. The course offers both a large number of mathematics electives and ample opportunity to minor in one of the other departments of the Institute.

The field of mathematics is a constantly changing one, a fact not well known because mathematical theory is generally decades ahead of its practical application. The study of mathematics appeals, therefore, to scholars who feel satisfaction in solving a purely abstract problem, those who may someday create a new mathematics.

But the many practical applications of the field make it attractive to those who are seeking some new solution to a physical problem.

A variety of professions are represented by the Mathematics Department graduates. High-speed computation, government research, business consulting, teaching—all have positions for qualified mathematicians.

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movies . . .

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'Hallelujah the Hills' at the West

End Theatre is one of the best comedies to be released on either side of the Atlantic in many years. American author-director Adolfas Mekas combines the methods of Mack Sennett, W. C. Fields, the Marx brothers, W. D. Griffiths, and the French New Wave in an excellent parody of film makers and film from Eisenstein to Antonioni.

The plot, such as it is, centers around the camping trip that Jack (Peter H. Beard) and Leo (Marty Greenbaum) take to forget Vera, the girl they have both pursued intermittently for eight years, only to lose to 'evil Gideon' whom they see as a modern cross

between Simon Legree and Attila the Hun.

The underlying spirit of 'Hallelujah' is one of unadulterated levity and youthful adventure. It is impossible to look for deep significance or imagery without finding yourself in contention with a zany set of discontinuous items that include a periodically appearing birthday cake, replete with burning candles, a tree laden with thirty twisting girls, an elephant tusk that just shows up, and an indestructible Jeep that goes through a stone wall.

'Hallelujah' is filled with many movie 'in' jokes that are funny with or without interpretation. The action includes many flashbacks to the courtship days of the previous years with 'last year' in Vermont and a hillside fire scene that smacks of 'Ugetsu' that is made hilarious by fading-in Japanese subtitles.

This is Mekas' first solo effort at full length film making, but he shows amazing control of all of the resources of movie technique to heighten and cohere this eighty-two minute satirical riot. Al-

though not immediately evident this film parodies much more than just films. It shoots at war, American courting habits, and the ineptness of youth. Beard and Greenbaum are amusing as two campers that build an eight-foot bonfire to cook one can of soup and try to lasso a farmer while riding in the Jeep. Sheila Finn and Peggy Steffans portray Vera as Jack and Leo see two sides of her character, and Jerome Rahel and Blanche Dee portray a suitably horrid pair of parents.

Although the acting is basically done by amateurs it is in no way amateurish, they bring the film off well. Ed Emswiler's photography is excellent especially considering that the total budget of 'Hallelujah' from concept to can was roughly the cost of one of Liz Taylor's dresses for 'Cleopatra.' The voice part of the audio is not outstanding, but the superb score for the soundtrack makes the lack seem unimportant.

It is perhaps unfortunate that this type of humor will appeal to the college era when many of the funniest bits from other films come from pictures made long before our time.

Silent film fans will have a ball. It should appeal to anyone who could imagine Eva Turpin in Route 66 or Peter O'Toole playing Tom Jones opposite Carol Burnett.

Christian Scientists will present Seeley

The MIT Christian Science Organization is sponsoring a lecture by Paul Stark Seeley of Portland, Oregon.

The lecture on "The Origin and Power of Thought" will be given in Hayden Library Lounge on Monday, March 16, at 7:30 pm. The lecture is free and open to the public.

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THE TECH COOP

Making the Scene**THIS WEEK**

MUSIC
Music of Bela Bartok — Jordan Hall, March 11, 8:30 p.m., free.
Gardner Museum — March 15, Gwen-
dolyn Walters, soprano, 3:00 p.m.;
March 17, Phyllis Carlton, pianist,
music of Ravel and Rameau, 3:00
p.m.; both concerts free.

Folk Singers — Tom Rush and the Charles River Valley Boys, Kresge, March 11, 8:00 p.m., presented by Crossroads Africa; tickets \$1.75, on sale in Building 10.

Newton Junior College — Gabrielli String Trio, all string members of the Boston Symphony in an all Mozart concert, March 11 at 8:15 p.m., College Hall, Washington Park, Newington, free.

King's Chapel Series — A program of choral works by Schumann, King's Chapel choir and the Cambridge Festival Orchestra, March 15, 5:00 p.m. King's Chapel, free.

Donnelly Memorial — Boston Opera Group; 'L'Elisir d'Amore,' March 11, 8:30 p.m., The Kingston Trio, March 14, 8:30 p.m.

Tufts University Concert Series — The Nellie Fisher Ballet Company, March 13, 8:30 p.m., The Cohen Fine Arts Center, \$2.25.

THEATRE

LSC Contemporary Series — 'David and Lisa,' Kresge, March 13, 6:00 and 9:00 p.m., \$6.00.

LSC Entertainment Series — 'To Kill a Mockingbird,' Room 10-250, 5:15, 7:30, 9:45 p.m., \$3.50.

LSC Classic Series — 'Devil in the Flesh,' Room 10-250, 8:00 p.m., \$5.50.

Dramashop — two one-act plays, 'Arka Da Capo,' by Edna St. Vincent Millay, and 'Box and Cox,' by John Maddison Morton; Friday, March 13, 8:30 p.m., Kresge, free to the public.

BU Theatre — 'Tiger at the Gates,' by Jean Giraudoux, March 12-14, 8:30 p.m., 264 Huntington Ave.

'Summer and Smoke' — presented by the Barn-Swallows of Wellesley College, March 13-14, 8:00 p.m., Alumnae Hall, \$1.50.

MISCELLANEOUS
Poetry reading — Reed Whittemore, head of the Carlton College Department of English, author of five books of poetry, Hayden Library Lounge, (14E-310) March 12, 8:15 p.m., admission free.

Paintings by Ruth Abrams — MIT

S M T W T F S

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22 23 24

Faculty Club, March 12 through April 3, collection of small, abstract paintings called 'Microcosms', free to the public.

Jerome Weisner — MIT Dean of Science, speaking on science and government at Brandeis University, in the Shapiro Forum, March 11, 8:00 p.m.

Ford Hall Forum — Hannah Arendt, 'Personal Responsibility Under Dictatorship,' Jordan Hall, March 15, 8:00 p.m.

Compass Seminar — 'Stellar Evolution,' by Dr. Icko Iben, Caltech, in Room 2-190, March 17, 4:00 p.m.

Stephen Spender — 'A Personal View of Shakespeare,' Boston College Library Auditorium, March 12, 8:00 p.m. \$1.00.

NEXT WEEK
MUSIC

Gardner Museum — George Pappas-tavrou, pianist, music of Ives, Copeland Sessions, Hampton, Lybbert; March 22, 3:00 p.m., free; Saturday, March 21, there will be a concert for oboe and harpsichord, including Bach's Prelude and Fugue on B-A-C-H.

Conservatory Symphony Orchestra — program including Brahms' Piano Concerto in D minor, Debussy's La Mer, March 19, Jordan Hall, 8:30 p.m., free.

Nova Arte Quartet — string quartet of members of the Boston Symphony orchestra, program of Mozart, Brahms, and Hindemith, Jordan Hall, March 20, 8:30 p.m., tickets \$2.00-\$4.00.

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Songs based on texts of Goethe — works of Beethoven, Schubert, and others, members of the New England Conservatory faculty, Jordan Hall, March 24, 8:30 p.m., free.

Chad Mitchell Trio — John Hancock Hall, March 20, 8:30 p.m., tickets available through Folklore Productions, P.O. Box 227, Boston.

MIT Concert Band — John Corley, director, music of Berlioz, Levy, and Hoddinott, March 21, 8:30 p.m., Kresge, tickets free in the lobby of Building 10 or \$1.00 at the door.

THEATRE

'King Lear' — Tufts Arena Theatre, March 20-22 and March 26-28, 8:00 p.m., tickets \$1.00-\$2.00.

'Coriolanus' — Shakespeare's seldom-seen tragedy, presented by Emerson College Department of Theatre Arts, March 19-21, 8:30 p.m., tickets \$1.50-\$2.50; held at the Rindge Technical High School Auditorium.

LSC Classics Series — 'The Passion of Joan of Arc,' March 22, 8:00 p.m., 10-250.

LSC Contemporary Series — 'Rashomon,' winner of the 1951 Academy Award, March 20, 10-250, 6:30 and 9:00.

LSC Entertainment Series — 'Dr. No,' the James Bond thriller, March 21, 10-250, at 5:15, 7:30, and 9:45; plus early show serial, 'Don Winslow of the Coast Guard.'

Eleven groups will compete in All-Tech Sing; Identity of Egbert, surprise entertainers secret

The MIT Baton Society will present its annual All-Tech Sing this Saturday at 8:30 pm in Kresge Auditorium. Admission to the event is \$7.50, and tickets will be on sale this week in the lobby of Building 10.

This Saturday eleven groups will seek awards for the light and serious categories and for best in show.

In addition there is a special prize — the Egbert — for the most original group. Traditionally kept secret, the exact nature of the Egbert will be revealed at its presentation. A second surprise in store for the audience is a mystery group which will perform while the judges are se-

lecting the winners.

As in past years, Dean Frederick G. Fassett Jr. will serve as master of ceremonies. The panel of judges includes Dean Jacqueline Mattfeld, formerly of the Department of Music at Radcliffe; Dr. Leo Collins, Professor of Music at Wheelock; and Felix Viscuglia, faculty member of the New England Conservatory of Music, and Associate Director of Music here.

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Greater student interest in science JFK fight on poverty cited brings need for increased space

(Continued from Page 1)

of the Research Laboratory of Electronics, the Laboratory of Nuclear Science, and the Computation Center." Hence, new space is needed immediately.

Mathematics is also faced with a sharp shortage of space. Dean Harrison reports that "11,000 net square feet of added space are needed as soon as possible, while another 9,000 square feet will be needed within the next decade."

Despite the problems, however, Dean Harrison feels that a unified

approach is still needed. He concludes that "there are numerous advantages in our close coupling of the individual schools which are likely to be lost when they are forced to become more autonomous."

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(Continued from Page 1)

sion during this period and that our gross national product will probably rise by 6% per cent. It was pointed out, however, that because of a 1½ per cent increase in prices, the real GNP will rise only by about 5 per cent.

With one eye on the balance of payments problem and the other on the index of prices, the Federal Reserve Board will let "the money market tighten itself." This, unfortunately, neglects the problem of unemployment, which is expected to fall, but not below 5 per cent.

Commenting on the assassination of the President, Professor Samuelson pointed out that the

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tragedy had surprisingly little effect on the short-term outlook. The American people, he feels, were reassured by the manner in which the government weathered the November crisis. This was indicated by the strong recovery Wall Street made after an initial decline.

JFK and economics

"John F. Kennedy," he writes, "was a great President having few peers in his grasp of economic principles. Few realize how desperately unrealistic were American attitudes on the subject of rational fiscal policy when he squeaked into power."

Pointing out that the day before he went to Dallas, Kennedy made a determination to wage an all-out fight against poverty in our affluent society, Professor Samuelson points out that the dead President "realized exactly what he had accomplished in the sphere of fiscal economics and that he basked in the only applause worth having—self-approval for a job well done."

Dormitory presidents elected during last week

Elections for dormitory president and Dormitory Council representative were held this past week. The election results at the four dormitories are as follows:

At Baker House, the new president is John Berry '65 and the Dormcom representative is David Rubin '65.

At Burton House, the president is Matt Mleziva Jr. '65 and the Dormcom representative is Richard Gray '65.

East Campus elected John Kasakian '65 president and Theodore Gull '66 Dormcom representative.

At Senior House the new president is Bruce Morrison '66 and the Dormcom representative is Carson Eoyang '66.

Smith honored for work; award finances Asian trip

Dr. Huston C. Smith, Professor of Philosophy, has been chosen as one of six recipients of the 1964 Danforth Associate Awards. The awards are made in recognition of outstanding scholarly work combined with excellence in teaching.

The Danforth Foundation was established by the late Mr. and Mrs. William H. Danforth to strengthen higher education through programs and grants to colleges.

Dr. Smith plans to use his award for a trip to Asia to complete his new book. Tentatively titled "Accents of Civilization: India, China and the West," it will delineate the distinct ways in which the three enduring civilizations have viewed man's nature and the route to his higher fulfillment.

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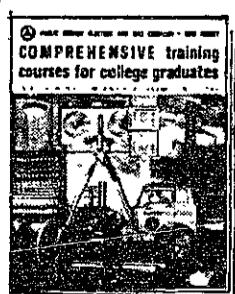
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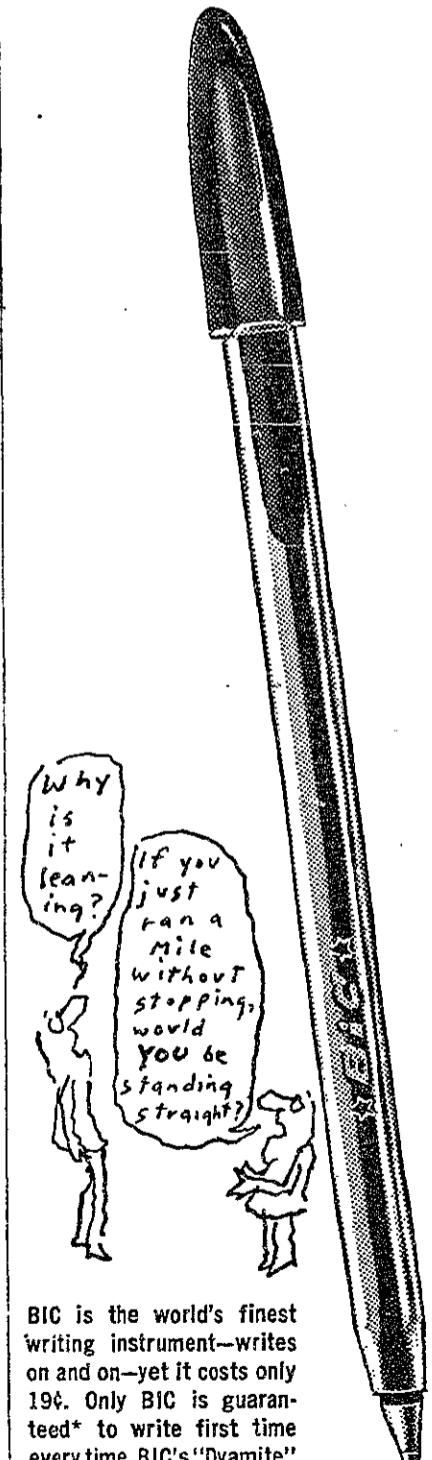


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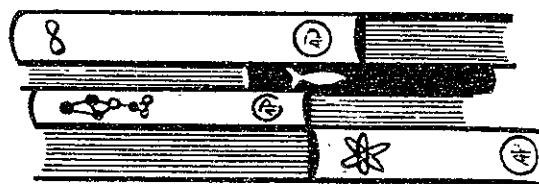
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Col. David L. Evans gets Legion of Merit

Col. David L. Evans, an Air Force Research Associate working with the International Studies Center at MIT, received the Oak Leaf Cluster to the Legion of Merit in ceremonies at Hanscom Field, Mass.

The award was presented to Col. Evans on February 28 for his work as Director of Current Operations, Headquarters, Pacific Air Forces, from July 1960 to July 1963.

How They Did It Five pool records set

Fencing

MIT (V) placed 1st in New England

Pistol

MIT (V) placed 3rd in N.R.A.

Sectional

Rifle

MIT (V) placed 4th in N.R.A.

Sectional

Swimming

Wesleyan 73, MIT (V) 22

Wesleyan 76, MIT (F) 19

Coast Guard 48, MIT (V) 47

Skiing

MIT (F) placed 9th in Thompson Div. Meet

Wrestling

MIT (V) 13th in New England

MIT (F) 3rd in New England

Five pool records set

Mermen close with 7-7

by Neal Gilman

The MIT varsity swimmers ended their season last Saturday with a final record even at 7 wins and 7 losses. The mermen, while seeing ten records broken in two meets, lost to Wesleyan on Wednesday and the Coast Guard on Saturday with respective scores of 73-22 and 48-47.

In the Wesleyan meet, five Wesleyan pool and varsity records fell, as MIT gained only one first place against the superior opponents. Van Kerner of Wesleyan set two records in the 200 yard free and 500 yard free with respective times of 1:53.1 and 5:21.9; Bryan of Wesleyan set a 200 yard individual medley record with a time of 2:20.3; Sargent of Wesleyan covered the 200 yard butterfly in a record time of 2:23.2; and Howell, also of Wesleyan, swam to a record in the 200 yard breast stroke with a time of 2:28.9. The lone MIT first place was scored by Steve Snover '65 in the diving. Dick St. Peters '65, Bill Brody '65, Frank Mechura '65 and Cash Peacock '65 all scored seconds in the 220 yard free, 200 yard individual medley, and 500 yard free.

200 yard back and 200 yard breast stroke, respectively.

In a meet climaxed by MIT's setting five 20 yard pool records, the mermen lost their last and most heartbreaking meet of the year. Swimming in a dark 20 yard pool, the mermen lost several vital points through bad turns in the cloudy water. Finally in the last event before the relay, MIT lost a third place in the 200 yard breast stroke through a disqualification, turning a hopeful MIT victory into a heartbreaking loss.

St. Peters starred by setting two new 20 yard pool records in the 200 yard and 500 yard free with times 2:00.5 and 5:50.6. Brody broke the 160 yard individual medley record in a time of 1:50.0, as Mechura and Peacock covered the 200 yard back and 200 yard breast distances in record times of 2:19.4 and 2:30, respectively. Eric Jenson '64 scored one second and two thirds in the 200 yard back, 160 yard individual medley and 500 yard free.

Band to premiere work by Berlioz

The MIT Concert Band will perform Saturday, March 21, at 8:30 pm, in Kresge Auditorium. The concert will feature the Boston premiere of a major work by Hector Berlioz, "Funeral and Triumphal Symphony—Opus 15."

The work is in three movements: "Funeral March," "Funeral Oration," and "Apotheosis." The oration, according to William Schreiber, '65, Concert Manager of the Band, is an elegy featuring trombone solos by William Harman; the last movement is a spirited, triumphant finale. The piece was composed in celebration of the French Revolution.

Also featured in the program is Ernst Levy's "Suite for Band," a theme and variations based on a Swiss hymn. Levy is a former member of the MIT music department.

Another piece to be performed is "Concerto for Piano, Winds, and Percussions," by Alun Hodinott, with guest soloist Robert Goepfert. This piece was performed by the band on its recent tour in Canada.

"This program offers a wide variety of musical styles," says Schreiber, "and is a rare opportunity for concert-goers."

Tickets will be available—free to the MIT Community, in Building 10 Lobby, starting today. Cost will be \$1 at the door.

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BELL TELEPHONE COMPANIES

Brown sets MIT record at IC4A with 4:19.3 mile

The Tech varsity track squad sent a team of seven runners to the IC4A Eastern Championships in New York last Saturday. Sumner Brown '66 set an MIT record of 4:19.3 in the mile while finishing fourth in the trials and thus eliminated since only two runners qualify from the trials. Although many of the other Tech runners ran season bests and some of the best ever MIT times, none of them got past the quarter-finals against the best collegiate runners in the East.

Dorschner in quarter-finals
Terry Dorschner '65 qualified for the quarter-finals in the 60-yard high hurdles but was edged out in the quarter-finals on a photo finish which actually required a photograph to determine the qualifier. Dorschner ran a 7.5 in that race which probably ranks as a Tech record even though official records aren't kept in the event since the 45-yard hurdles are normally run here.

Jim Flink '64 climaxed four great years of track here by being one of the first Techmen in years to qualify for the 60-yard dash finals even though he was then eliminated.

Flink then combined with the mile-relay team which ran a season best of 3:28.7 in the trials. This ranks as one of the best times ever for an MIT mile-relay squad.

Team sets three records
The meet climaxed one of the best indoor track seasons seen at Tech for many years. The squad had a 6-2 record losing only to very strong Northeastern and to Columbia in a close meet. The team accounted for three new MIT records and tied another one. Besides Brown's 4:19.3 mile, Ken Morash '65 owns the pole vault record with a 13½" effort. Captain Flink set the record of 5.4 in the 45-yard low hurdles and tied the 45-yard dash captain Gary Lukis '64 did a very mark of 5.4 in the Bowdoin meet.

Other outstanding performers over the winter season include Al Tervalon '65 and Dorschner in the hurdles, and Kim Sloat '64, Jerry Dassei '64, and Jim Kotanchik '64 have provided plenty of

muscle for the weight events. Good job in the pole vault, while Larry Schwoeri '66, Dick McMillin '65, and Bill Purves '65 provided many points in the distances. With only a few seniors graduating off the team, the squad is looking for an even better season next winter.

Tech riflemen place fourth

A four man team from MIT shot a score of 1130 to place fourth in a field of nine teams entered in the National Rifle Association Intercollegiate Sectional Match held at Nassau College on Saturday. Techmen shooting in the team match were Jim Bridgeman '65, 285; George Olah '64, 284; Dave Hamada '65, 283; and Joe Boling '64, 278.

Fencers 1st at New Englands

by Herb Trachtenberg

The MIT varsity fencers took first place in the New England Intercollegiate Championships at Trinity Saturday for the second year in a row. In addition to bringing home the coveted Elde trophy, the Engineers took two of the three individual first place awards and one second place.

Each school in the competition enters two men in each of the three weapons—sabre, foil, and epee. Each sabre man, for example, fences all of the sabre fencers from the other schools. Since the Engineers met five other teams, each man fenced in ten bouts for a total of sixty team bouts. MIT took 43 bouts, while second place Trinity took 38. Harvard was third with 34 victories, Bradford-Durfee fourth with 28, while Holy Cross tallied 19 and Brandeis took 18.

Kunz wins in epee

In epee competition Bill Debono '65 took seven of his bouts to place him third in individual standings in that weapon. Karl

Kunz '66 and Trinity's Bob White took eight bouts each and were tied for first place at the end of regular competition. The score in the fence-off between the two went to 4-4 when White made a running attack. Kunz successfully stopped the attack and scored the final touch to give him the first place trophy.

Best second in sabre

Captain Art Best '64 and Harvard's Algis Makaitis had each won eight bouts and lost one when they met each other in the 57th sabre bout of the day. The very hard fought bout was won by Makaitis 5-4, giving him first place and Best second. Best has now won 34 bouts while losing 12, giving him the highest season average on the team.

Zimmerman takes foil

Foilman Ralph Zimmerman '64 won eight bouts to give him first place in that weapon. Mike Stulberg '66 came in fifth place with seven victories.

The second, third, and fourth place fencers also won seven

bouts each, and so standings were decided on the basis of touches scored against them.

Frosh Sports

Matmen cop New England 3rd

Wrestling

The freshman wrestling squad did very well at the New England championships last Friday and Saturday at Amherst with a third among the 14 teams, being topped by only Springfield and Wesleyan. The team piled up 49 points against Springfield's winning total of 81 and Wesleyan's 68. 157-pound Bill Thilly took a first place while Dave Schramm was crowned 177-pound champion. Al Landers took third in the heavyweight slot as did Brook Landis in the 167-pound division. Larry Silverman took fourth among 123-pounders.

Thilly looked very good as he scored three pins on the way to the championship, two in the first period and one early in the second period. Landis got two pins while Schramm and Landers got one apiece enroute to their places. The squad finished their 6-4 season in fine style with their third place showing, the best Tech finish since 1960.

Swimming

The freshman swimming squad lost their last meet of the season to Wesleyan by 76-19. The only MIT win came in the freestyle relay with the combination of Vic Silva, Mike Crane, George Jones and Wallace Wrigley. Wesleyan set four school records on the way to sweeping the rest of the events.

The squad will carry its 6-5 dual meet record into the NEISA Championships Saturday, March 14.

Englands

bouts each, and so standings were decided on the basis of touches scored against them.

Pistol squad takes third in NRA sectional meet at Kings Point, N.Y.

Travelling to the home of the United States Merchant Marine Academy in Kings Point, New York, the MIT pistol team placed third in the National Rifle Association Sectionals held there March 7.

Tech entered two four man teams in the competition against two teams each from Brown, the University of Massachusetts, and the Merchant Marine Academy. MIT's first team scored 1,001 points to take third place in a field of eight teams, while the second team failed to gain one of the top three spots with a score of 970.

In the individual competition MIT failed to gain any of the top places.

Intramural badminton competition finds four teams headed for finals

by Joe LaBreche

With one more week in the regular season before the finals the Chinese Students Club, Grad House A, Burton C, and Baker C are the teams to watch when the IM Badminton playoffs roll around. In this week's games Chi Phi won, by forfeit, 5-0 over Sigma Chi; Chi Phi also beat Baker B 3-2 in a Sunday night game. Grad House A extended their win record to 4-0 by beating both Sigma Chi and Senior House A by identical scores of 5-0. Grad

House B, meanwhile, downed Senior House B 4-1, Chinese Students Club continued their domination of League One, beating Lambda Chi Alpha 4-1. Burton B evened up their record by beating Baker B. Also on Monday night Burton C whipped Theta Chi 4-1. In other games Baker A beat Burton A, Senior House A won over Burton B, Theta Delta Chi whipped Delta Kappa Epsilon, Baker C downed Burton D, and Burton A beat Senior House B.

Freshman ski squad sponsors meet places ninth among thirteen teams

by William Reuter

Tech's ski team sponsored its annual meet for the Thompson Division of the N.E.I.S.C. Feb. 29 and March 1. The freshman squad under the coaching of Jens Jorgensen '62, ran a two day combined slalom and downhill at the Thunder Mt. Ski Area in Charlestown, Mass., with thirteen schools from the New England area competing. MIT placed ninth in the meet with 118.0 points.

A sunny day and slow conditions for the slalom were offset by a tight course which caused many of the ninety contestants to miss gates or to fall. The result was a large spread in times with Ward of Windham College placing first with a time of 37.7 sec.

Though falls plagued the MIT freshmen, Heacock was still able to turn in a respectable time and place 21st. Other Tech men, Kloepper, Jones and Deichman, placed 37th, 50th and 43rd, respectively.

The downhill was run late Sunday afternoon with Douglas of Windham taking first with a time of 70.0 sec. Jones, Dilling and Heacock placed 26th, 31st and 39th for MIT.

The combined individual point scores showed Peccei of Harvard to be first with 191.1 points. Second and third of the combined went to Foster of St. Anselm's,

TDC wins hockey crown

by Don Bosack

The close of the intramural hockey season saw Theta Delta Chi roll over Theta Chi 9-2 and win the tournament championship. Wayne Pecknold scored three unassisted goals for Theta Delta Chi while Phil Smith '65 scored two for Theta Chi. Theta Chi had previously edged Graduate House 2-1 in the semi-finals games.

Several of this year's players saw extra action in the All-Star

game. The best players from the even numbered teams played those from the odd numbered teams (the numbers refer to their numbers in the original season schedule). The evens won 6-2 with the aid of two goals by Smith TC and two by Steve Shapiro, ZBT '66.

1963-64 All-Star 1st Team
Goalie—Hank Rack '64, Theta Chi
Defense—Dave Sullivan '64, Theta Chi
Wayne Pecknold, Theta Delta Chi
Forwards—Ben Alexander, Grad House
Charles Swift, Grad House
Bill Jessiman '63, Theta Chi
Final Tournament Standings
1. Theta Delta Chi
2. Theta Chi
3. Graduate House
4. Senior House
5. Lambda Chi Alpha
6. Phi Gamma Delta
7. NRSA
8. Zeta Beta Tau
9. Sigma Chi
10. Beacon St. Athletic Club
11. Delta Upsilon
12. Sigma Nu

IM volleyball season approaches playoffs

Seventy teams participated in intramural volleyball contests last week. Major League results were:

League I: SPE A (3-1) defeated Baker Commandos (3-2); Club Mediterranean (4-0) downed SAM A (1-3); Chi Phi A (0-4) was defeated by AEP A (2-2).

League II: SAE (3-2) crushed PGD (0-4); ZBT (4-0) beat Baker Dukes (1-3); Burton 4th (3-2) was dumped by Civil Engineering (3-1).

League III: Chinese Students (4-0) sank Student House (0-4); Senior House A (0-4) forfeited to Burton A (4-0); Graduate House (3-1) nipped Baker Alpha (1-3).

League IV: PDT A (3-1) defeated LCA A (1-3); Burton Fine Fifth (3-1) edged DTD (0-4); Beta Theta Pi (3-1) downed Grad House B (2-2).

League V: Grad House C (2-1) beat NRSA (1-3); ATO A (3-1) defeated the DKE Animals (2-2); TDC A (2-2) downed Connor 2nd A (1-2).

Minor League results were:
League A: Meteorology (3-1) edged SPE B (3-1); Bemis Peanuts (0-4) forfeited to SAM B (2-2); Burton 1st (2-2) forfeited to Baker Omega (2-2).

187.5, and Sisseon of Nassau, 181.9.

Final combined team standings were Windham 172.7, Harvard 171.1, St. Anselm's 167.5, Amherst 165.9, Nassau 156.3, Lowell Tech 125.0, Princeton 123.7, WPI 121.3, MIT 118.0, Bentley 117.8, Tufts 115.6, Northeastern 73.7 and Merrimack 39.4.

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